

**DECLARATION - USA PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled BURIED, FULLY DEPLETABLE, HIGH FILL FACTOR PHOTODIODES; the specification of which was filed on **December 14, 1999** as Application Serial No. **09/460,630**.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56;

I hereby claim the benefit under Title 35, United States Codes § 119(e) of any United States provisional application(s) listed below.

Application No.: **60/037,531**

Filing Date: **February 10, 1997**

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)

Priority  
Claimed

No.: **97870084.7**

Country: **Europe**

Date Filed: **June 4, 1997**

**yes**

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below, and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56, which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S.A. Application(s)

Application No.: **09/21,010**

Filing Date: **February 9, 1998**

Status: **Pending**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

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Full name of sole inventor: **Bart Dierickx**

Inventor's signature 

Date 24 March 2000

Residence: **Cornelis De Herdstraat 8, 2640 Mortsel, Belgium**

Citizenship: **Belgium**

Post Office Address: **same**

/

Send Correspondence To:  
KNOBBE, MARTENS, OLSON & BEAR, LLP  
Customer No. 20,995

FILLF1.001CP1



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : B. Dierickx )  
App. No. : 09/460,630 )  
Filed : December 14, 1999 )  
For : BURIED, FULLY DEPLETABLE, )  
HIGH FILL FACTOR )  
PHOTODIODES )  
Examiner : Unknown )

ESTABLISHMENT OF RIGHT OF ASSIGNEE TO TAKE ACTION  
AND  
REVOCATION AND POWER OF ATTORNEY

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

The undersigned is empowered to act on behalf of the assignee below (the "Assignee"). A true copy of the original Assignment of the above-captioned application from the inventor(s) to the Assignee is attached hereto. This Assignment represents the entire chain of title of this invention from the Inventor(s) to the Assignee.

I declare that all statements made herein are true, and that all statements made upon information and belief are believed to be true, and further, that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001, and that willful, false statements may jeopardize the validity of the application, or any patent issuing thereon.

The undersigned hereby revokes any previous powers of attorney in the subject application, and hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, Sixteenth Floor, Newport Beach, California 92660, Telephone (949) 760-0404, **Customer No. 20,995**, as its attorneys with full power of substitution and

App. No. : 09/460,630  
Filed : December 14, 1999

revocation to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected herewith. This appointment is to be to the exclusion of the inventor(s) and his attorney(s) in accordance with the provisions of 37 C.F.R. § 3.71.

Please use **Customer No. 20,995** for all communications.

FILL FACTORY

Dated: 24.03.2000

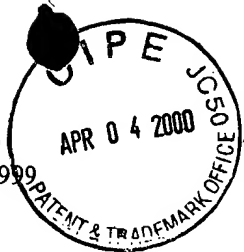
By: Luc. De Rey  
Name: 

Title: President & CEO.

Address: Kapeldreef 60, B-3001 Leuven, Belgium

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Application No.: 09/460,630  
Filing Date: December 14, 1999



COPY

JMC/SCJ  
PATENT  
Client Code: FILLF1.001CP1  
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### ASSIGNMENT

WHEREAS, I, Bart Dierickx, a Belgium citizen, residing at Cornelis De Herdstraat 8, 2640 Mortsel, Belgium, have invented certain new and useful improvements in a **BURIED, FULLY DEPLETABLE, HIGH FILL FACTOR PHOTODIODES** for which I have filed an application for Letters Patent in the United States, Application No. 09/460,630; December 14, 1999;

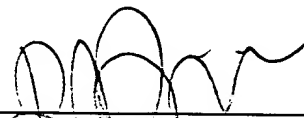
AND WHEREAS, Fill Factory (hereinafter "ASSIGNEE"), a Belgium corporation, with its principal place of business at Kapeldreef 60, B-3001 Leuven, Belgium, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed its signature.

On this 24 day of March, 2000

  
\_\_\_\_\_  
Signature of Bart Dierickx